



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Lewis Creek TSS Wasteload Report 2017-Q3

10-01-2016 to 09-30-2017

Watershed Information

Stressor:	TSS	Watershed Acres:	14,013
Wasteload Allocation:	1,562	Watershed Permits:	8
EPA TMDL Approval Date:	5/26/2004	Watershed Outfalls:	54

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	1,562	0	1,562
Wasteload ⁵	2,641	11,422	14,064
Wasteload Balance	-1,079	-11,422	-12,502
Wasteload Reduction Required ⁶	1,079	11,422	12,502
Percent Reduction Required ⁷	40.9 %	100.0 %	88.9 %

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1200614	2,217	906	0	0	2,217	906
1201497	0	0	245	245	245	245
1201919	0	0	526	526	526	526
1401963	0	0	9,613	9,613	9,613	9,613
1601982	0	0	439	439	439	439
1102084	0	0	599	599	599	599
1102128	0	0	0	0	0	0
1402215	424	173	0	0	424	173
Total	2,641	1,079	11,422	11,422	14,064	12,502

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.